

Clarke[®]

air



20 LITRE DEHUMIDIFIER

MODEL NO: YDE20

PART NO: 6470682

OPERATION & MAINTENANCE INSTRUCTIONS



ORIGINAL INSTRUCTIONS

LS0519 - ISS 3

INTRODUCTION

Thank you for purchasing this CLARKE product.

Before attempting to use this product, please read this manual thoroughly and follow the instructions carefully. In doing so you will ensure the safety of yourself and that of others around you, and you can look forward to your purchase giving you long and satisfactory service.

GUARANTEE

This product is guaranteed against faulty manufacture for a period of 12 months from the date of purchase. Please keep your receipt which will be required as proof of purchase.

This guarantee is invalid if the product is found to have been abused or tampered with in any way, or not used for the purpose for which it was intended.

Faulty goods should be returned to their place of purchase, no product can be returned to us without prior permission.

This guarantee does not effect your statutory rights.

ENVIRONMENTAL PROTECTION



Through purchase of this product, the customer is taking on the obligation to deal with the WEEE in accordance with the WEEE regulations in relation to the treatment, recycling & recovery and environmentally sound disposal of the WEEE.

In effect, this means that this product must not be disposed of with general household waste. It must be disposed of according to the laws governing Waste Electrical and Electronic Equipment (WEEE) at a recognised disposal facility.

R134a is a refrigerant that complies with EEC environmental standards; nonetheless, the refrigerant circuit on the machine should not be punctured. At the end of its working life, consign the air conditioning unit to a special collection centre.

SAFETY WARNINGS



WARNING: IF THE SUPPLY CABLE IS DAMAGED, IT MUST BE REPLACED BY THE MANUFACTURER, ITS SERVICE AGENT OR SIMILARLY QUALIFIED PERSONS IN ORDER TO AVOID A HAZARD.

1. Please read these instructions carefully and retain for future reference.
2. Position the mains cable so that it cannot be inadvertently pulled or pinched and where it does not cause a trip hazard
3. This appliance is designed to dehumidify residential environments and must not be used for any other purposes.
4. If the appliance requires repair, always contact your CLARKE dealer. Always insist on original spare parts. Repairs carried out by unauthorized persons may be dangerous and invalidate the guarantee.
5. Do not use extension power cables.
6. Before cleaning or maintenance operations, always unplug the appliance from the power supply.
7. Do not move the appliance by pulling the power cable.
8. Do not install the appliance in rooms containing gas, oil or sulphur. Do not install near sources of heat.
9. Do not use the appliance on inclined surfaces.
10. Keep the appliance at least 50 cm away from inflammable substances (alcohol etc) or pressurised containers (e.g. aerosol cans).
11. Do not rest heavy or hot objects on top of the appliance.
12. Always transport the appliance upright or resting on one side. Remember to drain the tank before moving the appliance.
- 13. Wait at least 1 hour after transporting the appliance before using it to allow the refrigerant gasses to settle.**
14. Do not use the appliance outdoors.
15. Do not obstruct the air inlet or outlet.

ELECTRICAL CONNECTIONS



WARNING: READ THESE ELECTRICAL SAFETY INSTRUCTIONS THOROUGHLY BEFORE CONNECTING THE PRODUCT TO THE MAINS SUPPLY.

Before switching the product on, make sure that the voltage of your electricity supply is the same as that indicated on the rating plate. This product is designed to operate on 230VAC 50Hz. Connecting it to any other power source may cause damage.


This product may be fitted with a non-rewireable plug. If it is necessary to change the fuse in the plug, the fuse cover must be refitted. If the fuse cover becomes lost or damaged, the plug must not be used until a suitable replacement is obtained.

If the plug has to be changed because it is not suitable for your socket, or due to damage, it should be cut off and a replacement fitted, following the wiring instructions shown below. The old plug must be disposed of safely, as insertion into a mains socket could cause an electrical hazard.

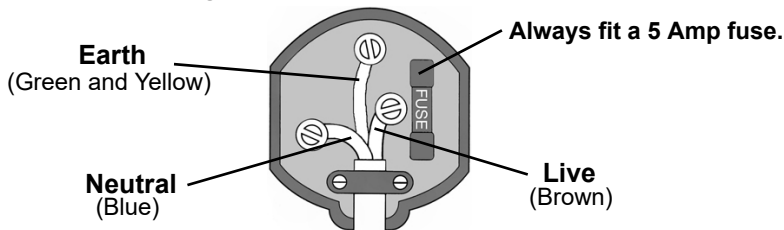


**WARNING: THE WIRES IN THE POWER CABLE OF THIS PRODUCT ARE COLOURED IN ACCORDANCE WITH THE FOLLOWING CODE:
BLUE = NEUTRAL BROWN = LIVE YELLOW AND GREEN = EARTH**

If the colours of the wires in the power cable of this product do not correspond with the markings on the terminals of your plug, proceed as follows.

- The wire which is coloured **Blue** must be connected to the terminal which is marked **N** or coloured **Black**.
- The wire which is coloured **Brown** must be connected to the terminal which is marked **L** or coloured **Red**.
- The wire which is coloured **Yellow and Green** must be connected to the terminal which is marked **E** or  or coloured **Green**.

Plug must be BS1363/A approved.





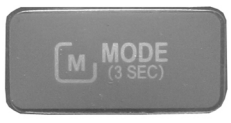


Ensure that the outer sheath of the cable is firmly held by the clamp

We strongly recommend that this machine is connected to the mains supply via a Residual Current Device (RCD)

If in any doubt, consult a qualified electrician. DO NOT attempt any repairs yourself

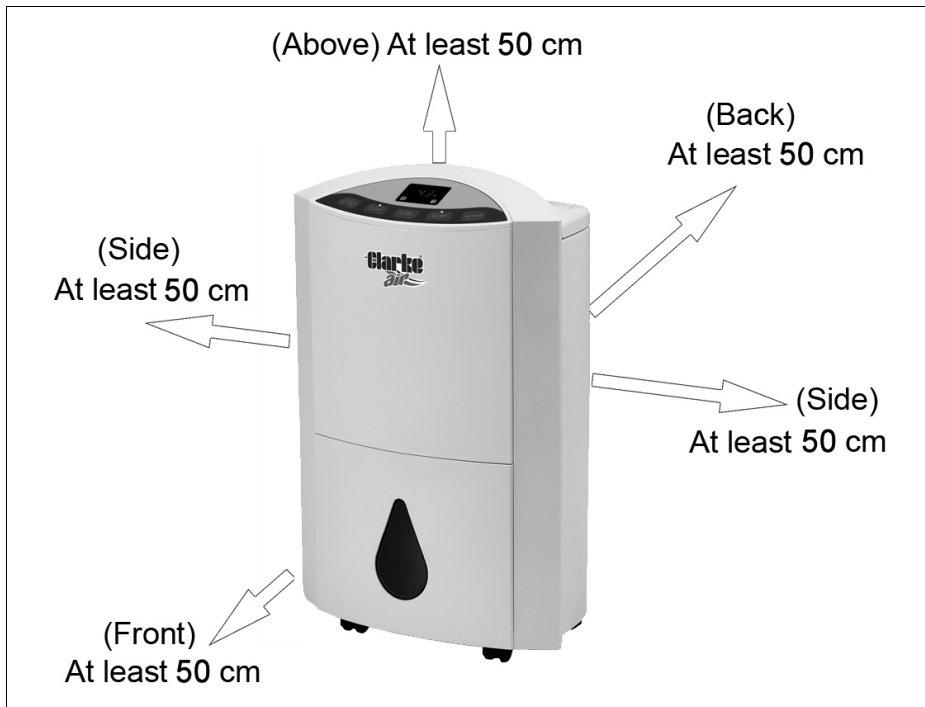
CONTROL PANEL



	<p>HUMIDITY button: Used to select the humidity level (or fan speed in Air Purify mode)</p>
	<p>TIMER button: used to adjust the Timer on / Timer off settings.</p>
	<p>MODE button: Cycle through the following operating modes Auto - High - Low - Air Purify Press and hold to select Drying Mode</p>
	<p>LOCK button: Used to activate or deactivate the key lock, thereby preventing accidental changes to the settings. Press and hold for 3 seconds</p>
	<p>POWER button: Used to switch the dehumidifier ON or OFF.</p>

BEFORE USE

POSITIONING THE DEHUMIDIFIER



- Position the dehumidifier close to a mains supply socket.
- Free space as shown must be left around the dehumidifier, so as not to block the air flow.
- Make sure that the power cable is not placed where it can be inadvertently pulled or pinched and where it does not cause a trip hazard.
- Do not place the dehumidifier next to a radiator or other heat source as this will reduce its performance.
- To maximise efficiency, do not open the doors or windows of the room during use.
- **Wait at least 1 hour after transporting the appliance before using it to allow the refrigerant gasses to settle.**

OPERATION

SWITCHING ON/OFF

1. Plug into the mains supply socket and switch on.
 - The dehumidifier will beep and the display will show the current humidity level.
2. Open the air outlet vent on top of the dehumidifier.
3. Press the POWER button to switch the dehumidifier ON.
 - The dehumidifier will run in the last mode selected.
4. Press the POWER button again to switch the dehumidifier OFF.



TIMER-OFF SETTING

1. With the dehumidifier running, press the TIMER button repeatedly to set the length of time (1-24 hours) until the dehumidifier turns off.
 - The display will show the selected time, flashing on and off for 5 seconds and then return to the current humidity level.
 - TIMER button light will illuminate when the timer function is active.
2. To cancel the timer function press the TIMER button once more.

TIMER-ON SETTING


1. With the dehumidifier turned off, press TIMER button repeatedly to set the length of time (1-24 hours) until the dehumidifier turns on.
 - The display will show the selected time flashing on and off for 5 seconds and then stop flashing.
2. To cancel the timer function press the TIMER button once more.

MODE SELECTION

Press the MODE button repeatedly to cycle through the following modes: -
Auto - High -Low - Air Purify

AUTO

When AUTO is selected, the user selects the humidity level required and the dehumidifier will turn on or off as required to maintain that level.

1. Press the mode button repeatedly until AUTO  is selected.
2. Press the humidity button repeatedly to select the required humidity level.
 - The humidity level is set to 50% as default.
 - The humidity can be selected in 5% increments between 40% and 70%.


HIGH

When HIGH is selected, The dehumidifier will run at high speed regardless of the current humidity level.

1. Press the mode button repeatedly until HIGH  is selected.


LOW

When LOW is selected, the dehumidifier will run at low speed regardless of the current humidity level.

1. Press the mode button repeatedly until LOW  is selected.
 - The dehumidifier will run at low speed regardless of the current humidity level.

AIR PURIFY

When AIR PURIFY is selected, the dehumidifier function is switched off and the fan will run continuously through the carbon filter.

1. Press the mode button repeatedly until AIR PURIFY  is selected.
2. Press the humidity button to change the fan speed from high to low.

DRYING FUNCTION

If the dehumidifier has been used in a high humidity environment for a long period of time, or you do not intend to use the dehumidifier for a few weeks, you must run the drying cycle to remove water/moisture from the unit. This will prevent a build up of mildew which will affect the efficiency and life of the unit.

HOW TO START THE DRYING FUNCTION

1. Press and hold the mode button for 3 seconds until DRYING FUNCTION



is selected.

- The dehumidifier will start its drying cycle.

HOW TO STOP THE DRYING MODE


1. Press and hold the Mode button for 3 seconds to cancel the drying function.
 - The unit will revert to the mode that was running before the DRYING FUNCTION was selected.

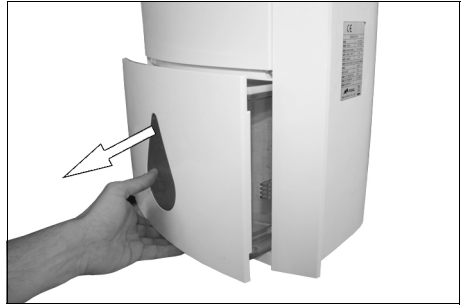
KEYPAD LOCK

1. Press and hold the lock button for 3 seconds to activate the keypad lock.
 - The small LED above the lock button will illuminate when the keypad lock is active.
2. Repeat step 1 to deactivate the keypad lock function.



EMPTYING THE WATER TANK

1. When the FULL indicator  on the control panel illuminates, switch off the dehumidifier and disconnect it from the mains supply.
2. Carefully remove the water tank by placing your fingers in the channel underneath the tank and pulling it towards you.
 - The dehumidifier will beep several times if it is switched on and the water tank is removed or fitted incorrectly.
3. Remove the water tank lid and discard the water.
4. Replace the lid and refit the water tank.

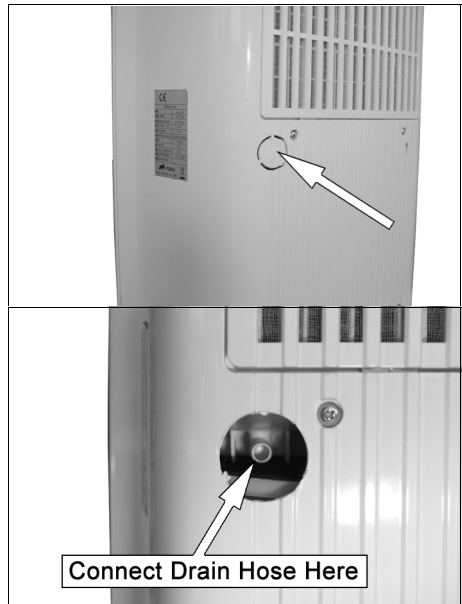


NOTE: The unit will not operate unless the water tank is fitted correctly.

CONTINUOUS DRAINING

This function enables continuous dehumidifying without having to empty the water tank.

1. Remove the knock-out section in the case, using a small screwdriver.
2. Attach the drainage hose supplied to the point shown.
 - You may find it easier to remove the water tank and work from the inside.
 - Make sure that the drain hose always runs downhill away from the dehumidifier.
3. Replace the water tank.
 - The unit will not operate without the tank in position.



MAINTENANCE



WARNING: ALWAYS UNPLUG THE DEHUMIDIFIER BEFORE PERFORMING ANY CLEANING OR MAINTENANCE OPERATIONS.

STORAGE

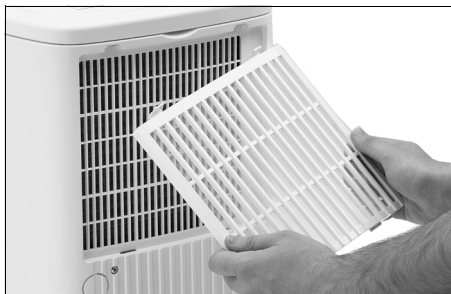
- Unplug from the mains socket and empty the tank.
- Cover the dehumidifier to prevent dust getting inside.

CLEANING THE CABINET

- Use a soft damp cloth to clean the exterior.
- Never use harsh chemicals or abrasive cleaning agents as these may damage the casing finish.

CLEANING THE AIR FILTER

1. Remove the filter panel from the rear of the dehumidifier.
2. Use a vacuum cleaner or cloth to clean the filter.
 - If the filter requires washing, use warm water and make sure that it has dried naturally before refitting it to the dehumidifier.
3. Replace the filter panel, making sure that all the lugs are seated correctly.



TROUBLESHOOTING

	Cause	Solution
No operation	Power cable disconnected.	Insert the plug into a power socket.
	Water tank is full.	Empty the water tank.
	Water tank is not seated properly.	Replace the tank correctly in position.
Dehumidified volume is small	Filter is dirty.	Clean the filter as described See page 12.
	Check to see if the air inlet is blocked.	Remove dirt from the air inlet.
Operation stops during spot dehumidifying	The room temperature is higher than the usable operating temperature.	Dehumidifying operation will restart automatically when the temperature falls.
Washed clothes are not dried	Washed clothes are hard to dry when the temperature is low.	Check to see if the room temperature is too low.

TECHNICAL SPECIFICATION

Power Source	230V AC 50Hz
Input Power	370W
Water Tank Capacity	5 Litres
Weight	14 kg
Operation Temperature	5 - 32 degrees Celsius
Dimensions (L x W x H)	239 mm x 388 mm x 598 mm
Extraction Rate (Max)	20 litres per day (@ 30°C 80% RH)
Max Allowable Pressure	Low Pressure Side - 0.5 MPa, High Pressure Side - 1.5 MPa

REFRIGERANT DATA

This product contains hermetically sealed fluorinated greenhouse gases,	
Type	R134A
Volume	170g
GWP	1430
Co ² Equivalent	0.243t

DECLARATION OF CONFORMITY



Clarke[®]
INTERNATIONAL

Hemnoll Street, Epping, Essex CM16 4LG

DECLARATION OF CONFORMITY

This is an important document and should be retained.

We hereby declare that this product(s) complies with the following directive(s):

- 2004/108/EC *Electromagnetic Compatibility Directive.*
- 2006/95/EC *Low Voltage Equipment Directive.*
- 2011/65/EU *Restriction of Hazardous substances.*

The following standards have been applied to the product(s):

- EN 60335-1:2002+A15, EN 60336-2-40:2003+A13, EN 62233:2008, EN 55014-1:2006+A2,
- EN 55014-2:1997+A2, EN 61000-3-3:2008, EN 61000-3-2:2006+A2.

The technical documentation required to demonstrate that the product(s) meet(s) the requirement(s) of the aforementioned directive(s) has been compiled and is available for inspection by the relevant enforcement authorities.

The CE mark was first applied in: 2016

Product Description: 20 Litre Dehumidifier 370W inc LCD display
30 Litre Dehumidifier 500W inc LCD Display

Model number(s): YDE20
YDH30

Serial / batch Number: N/A

Date of Issue: 11/03/2016

Signed:

J.A. Clarke
Director

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